EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|---------------------|---------|---------------------|
| S1 | 1 | "20020194909" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 13:12 |
| S2 | 1 | "20070272309" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 13:12 |
| 83 | 1 | (US-20020194909-\$).did. | US-PGPUB | OR | ON | 2008/12/05 13:47 |
| S4 | 1 | S1 and (fluorinated acrylate fluorinated methacrylate polymerizable precursor perfluoropolyether acrylate methacrylate menomers polymerizable precursors fluorescent monomer particulate filler olyhedral oligomeric silesequioxane) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 13:49 |
| S5 | 168 | (73/253).OOLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/05 14:06 |
| S6 | 368 | (137/528).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/05 14:07 |
| S7 | 1547 | ((264/494) or (526/242) or (137/528)).OOLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/05 14:15 |
| S8 | 471 | (264/494).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/05 14:18 |
| S9 | 7 | (US-20020194909-\$ or US- 20050097951-\$).did. or (US- 6988402-\$ or US-6952962-\$ or US-6865939-\$ or US- 6782746-\$ or US-4953403-\$). did. | US-PGPUB; USPAT | OR | ON | 2008/12/05 14:19 |
| S10 | 0 | S9 and composite | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:20 |
| S11 | 6 | S9 and polymer | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:20 |
| S12 | 0 | S9 and precursor | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:21 |

| S13 | 0 | S9 and fluroinated | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:21 |
|-------------|---------|---|------------------------------|----|-----|---------------------|
| S14 | 0 | S9 and fluo | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:21 |
| S15 | 7208129 | "9" acylate | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:47 |
| S16 | 78372 | "s9" acylate | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:47 |
| S17 | 7 | (US-20020194909-\$ or US-20050097951-\$).did. or (US-6988402-\$ or US-6952962-\$ or US-6865939-\$ or US-6782746-\$ or US-4953403-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/12/05 14:47 |
| S18 | 5 | S17 and acrylate | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:47 |
| S19 | 4 | S17 and methacrylate | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:48 |
| S 20 | 234 | perfluro | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:49 |
| \$21 | 0 | S17 and perfluro | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:49 |
| S22 | 1547 | ((264/494) or (526/242) or (137/528)). OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/05 14:49 |
| 823 | 0 | S22 and perfluro | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:49 |
| \$24 | 0 | S22 and perfluro | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:50 |
| S 25 | 320 | S22 and perfluoro | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:50 |
| S26 | 72 | \$22 and (perfluoro and precursor) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:50 |
| S27 | 70 | S22 and (perfluoropolyether) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:53 |
| S28 | 558 | S22 and (perfluoropolyether acrylate) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/05 14:53 |

| S29 | 1 | S22 and (perfluoropolyether acrylate) | US-PGPUB; USPAT; USOCR | A DJ | ON | 2008/12/05 14:53 |
|-----|------|--|------------------------------|-------------|-----|---------------------|
| S30 | 1 | S22 and (perfluoropolyether methacrylate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/05 14:54 |
| S31 | 1162 | (137/624.13).COLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/05 14:56 |
| S32 | 1 | ("2004/0079424").URPN. | USPAT | OR | ON | 2008/12/05 15:01 |
| 833 | 43 | ("20010008212" "20010055812" "20020017487" "20020017487" "20020055529" "20020055529" "2002005832" "2002005832" "2002005832" "20020170668" "20020198282" "20020198282" "20030015582" "20030055193" "20030055193" "20030055193" "20030052734" "20040079424" "20040052929" "20040079424" "5343410" "5391587" "5400824" "5417235" "55694223" "576555" "534341" "6408278" "6238538" "6279606" "623440" "6240878" "6239085" "6279308" "6302134" "6408878" "6422528" "648872" "6523560" "6533366" "6523560" "6533366" "6523560" "6533366" "6523560" "6533366" "6523560" "6533366" "6523560" "6533366" "6523560" "6533366" "6523560" "6533366" "6523560" "6533366" "6523560" "6533366" "6523560" "6533366" "6523560" "6533366" | US-PGPUB; USPAT; USOOR | OR | ON | 2008/12/05 |
| S34 | 4 | (("4924703") or ("5019678") or ("5655568") or ("5986554")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/05 15:11 |
| S35 | 4 | (("4166605") or ("3934601") or ("6003833") or ("5441597")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/05 15:13 |
| 536 | 2 | (("6865939") or ("6770201")). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/05 15:18 |

| S37 | 1 | ("20050056321").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/05 15:52 |
|-----|----|--|------------------------------|------|-----|---------------------|
| S40 | 70 | (valve or regulator) and photoinitiator with aromatic ketone | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 20:58 |
| S41 | 0 | (valve or regulator) and ((photoinitiator with aromatic ketone) and ((composite mixture) with surfactant)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:02 |
| S42 | 0 | ((photoinitiator with aromatic ketone) and ((composite mixture) with surfactant)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:02 |
| S43 | 4 | (valve or regulator) and (composite mixture with surfactant) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:03 |
| S44 | 1 | polymerizable precursor with (fluorinated acrylate or fluorinated methacrylate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:05 |
| S45 | 1 | polymerizable precursor with (fluorin\$5 acrylate or fluorin \$5 methacrylate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:06 |
| S46 | 19 | polymerizable precursor with (acrylate or methacrylate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:06 |
| S47 | 1 | ("7296592").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/06 21:09 |
| S48 | 43 | ("20010008212" "2001005812" "2001005812" "20020017487" "20020022261" "20020052528" "20020058332" "20020058332" "20020170668" "20020194909" "20020194909" "20020195828" "20030055193" "20030057391" "20030057391" "20030057391" "20040052929" "20404073658" "3661166" "5334310" "5391587" "5400824" "5417235" "540924" "5417235" "5649423" "5885470" "5827325" "6076555" "6136171" "6136212" "6288538" 6279606" | ÜS-PGPUB; USPAT; USCOR | OA . | ON | 2008/12/06 |

| | | "6290685" "6293308" "6302134" "6408878" "6422528" "6488872" "6523560" "6533366" "6540203" "6782746").PN. OR ("7296592").URPN. | *************************************** | *************************************** | | *************************************** |
|-----|----|---|---|---|----|---|
| 349 | 0 | ("7296592").URPN. | USPAT | OR | ON | 2008/12/06 21:09 |
| 350 | 0 | ("7296592").URPN. | USPAT | OR | ON | 2008/12/06 21:09 |
| 551 | 43 | ("20010008212" "2001005512" "2001005512" "2002005512" "2002005552" "2002005552" "2002005552" "20020054252" "20020054252" "20020170668" "20020194809" "200201988282" "2002015682" "2002015682" "20030055193" "20030057391" "20030057391" "20040052929" "20040052929" "20040079424" "20040123658" "3661166" "5334310" "5391587" "5400824" "5417235 "5649423" "54885470" "5927325" "6076555" "61361711" "6136212" "6238538" "6279606" "6283460" "6284072" "6290685" "6293308" "6302134" "6408878" "6642528" "6488872" "6582360" "6583366" "6583366" "6583366" "6583366" "6583366" "6583366" "6782746" PN. OR ("7296592") URPN. | IGS PEPUB; USPAT; USOOR | OR | ON | 2008/12/06 |
| S52 | 1 | polymerizable precursor with (perfluoropolyether methacrylate or perfluoropolyether acrylate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:11 |
| 353 | 19 | polymerizable precursor with (methacrylate or acrylate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:12 |
| 354 | 1 | polymerizable precursor with (fluorescent monomer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:14 |
| 355 | 37 | polymerizable precursor with (monomer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:15 |

| S56 | 1 | polymerizable precursor with (fluorescent near monomer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:16 |
|-----|----|---|------------------------------|-----|----|---------------------|
| S57 | 1 | polymerizable precursor with (fluorescent same monomer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:16 |
| S58 | 1 | polymerizable precursor with (fluorescent and monomer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:16 |
| S59 | 37 | polymerizable precursor with (monomer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:17 |
| S60 | 0 | polymerizable precursor with ((light or bright or glow) monomer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:18 |
| S61 | 0 | polymerizable precursor with ((light or bright or glowing) monomer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:18 |
| S62 | 0 | polymerizable precursor with ((red or green or yellow) monomer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:18 |
| S63 | 39 | particulate filler and (oligomeric silsesquioxane) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:19 |
| S64 | 1 | (valve or regulator) and (particulate filler with (oligomeric silsesquioxane)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:19 |
| S65 | 2 | (particulate filler with (oligomeric silsesquioxane)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/06 21:19 |
| S66 | 16 | (US-20020194909-\$ or US-20050097951-\$ or US-20040079424-\$ or US-20040079424-\$ or US-20040052929-\$ or US-20030057391-\$ or US-20070222106-\$ or US-20070222106-\$ or US-20030055193-\$), did. or (US-6988402-\$ or US-695292-\$ or US-685939-\$ or US-6782746-\$ or US-4953403-\$ or US-7296592-\$ or US-68782746-\$ or US-4953403-\$ or US-7296592-\$ or US-68782746-\$ or US-4953403-\$ or US-7296592-\$ or US-687827-\$), did. | US-POPUB; USPAT | OR | ON | 2008/12/06 21:25 |
| S67 | 0 | S50 and photoinitiator | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/06 21:25 |
| S68 | 0 | S50 and photoinitiator | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/06 21:25 |

| S69 | 1 | ("6488872").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/06 21:26 |
|-----|---|---|------------------------------|----|-----|---------------------|
| S70 | 1 | S69 and (composite mixture with photoinitiator) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/06 21:27 |

12/8/2008 10:51:45 AM

C:\ Documents and Settings\ PBrown1\ My Documents\ EAST\ Workspaces\ 10572181 microfluidic valve.wsp